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## We claim:

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 A modified chimeric receptor comprising a chimeric receptor having a dileucine motif in its intracellular portion, wherein said modified chimeric receptor has a disruption in said dileucine motif.

- 2. The modified chimeric receptor of claim 1, wherein said dileucine motif has a sequence selected from the group consisting of SEQ ID No. 1 to SEQ ID No. 14.
- 3. The modified chimeric receptor of claim 1 wherein said dileucine motif is derived from a CD28 protein.
- 4. The modified chimeric receptor of claim 3 wherein said CD28 protein is a human CD28 protein and wherein said dileucine motif has the sequence set forth in SEQ ID No. 9.
- 5. The modified chimeric receptor of claim 3 wherein said CD28 protein is a murine CD28 protein and wherein said dileucine motif has the sequence set forth in SEQ ID No. 8.
- 6. The modified chimeric receptor of claim 1 wherein said modified chimeric receptor is a T-cell receptor.
- 7. The modified chimeric receptor of claim 1 wherein said disruption comprises an addition of at least one amino acid within said dileucine motif.
- 8. The modified chimeric receptor of claim 1 wherein said disruption comprises a deletion of at least one amino acid within said dileucine motif.
- 9. The modified chimeric receptor of claim 1 wherein said disruption comprises a substitution of at least one amino acid within said dileucine motif.
- 25 10. The modified chimeric receptor of claim 1 wherein said disruption comprises a substitution of at least one leucine within said dileucine motif.
  - 11. A method for increasing the capacity of a chimeric receptor having a dileucine motif in its intracellular portion to accumulate on a cell comprising disrupting said dileucine motif.
- 30 12. A CD28 protein or portion thereof having a dileucine motif, wherein said CD28 protein has a disruption in said dileucine motif.
  - 13. The CD28 protein or portion thereof of claim 12 wherein said CD28 protein is a murine protein.

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14. The CD28 protein or portion thereof of claim 13 wherein said dileucine motif has the sequence set forth in SEQ ID No. 8.

- 15. The CD28 protein or portion thereof of claim 12 wherein said CD28 protein is a human protein.
- 5 16. The CD28 protein or portion thereof of claim 15 wherein said dileucine motif has the sequence set forth in SEQ ID No. 9.
  - 17. A cell having on its membrane at least one modified chimeric receptor comprising a chimeric receptor having a dileucine motif in its intracellular portion, wherein said modified chimeric receptor has a disruption in said dileucine motif.
  - 18. The cell according to claim 17, wherein said cell is a T-cell.

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19. The cell according to claim 18, wherein said modified chimeric receptor is a T-cell receptor.